MCPO Exhibit 1.6

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Summary of Analysis of Phase II High Sensitivity Routing Factors and Estimated Cost

			I	1	I	Total W	eighted Score	Agricultural Use Areas						Existing Residences					Woode	d Areas	Protected Species Location / Habitat				Wetland	ls and Waterways	Cultural Resources		Recreational Use Areas		
							ľ		47%					35%					6		3%					2%	2%		1%		
				Effective					Weight						Weight					We	ight	Weight					Weight	Weight		Weight	
				Rank Using				If it is Assumed	Š			Prime	Prime Farmland									Known		1				ĺ	T		
				Average of	Average of			Agricultural	C	Cultivated / Pasture Method		N	Method										State						1	State Parks,	
		Analysis	Estimated	Three	Three		Prime	Use Sensitvity			Cultivated	Pasture /		Prime	Residence						Wooded			Listed			National		Known	1	Recreation
		Coridor	Mean Cost	Weighted	Weighted	Cult / Past.	Farmland	is Fully		Total	Crops	Hay		Farmland	Impact						Area		Total	Species	IL Rookeries		Wetland		Archeological	1	Areas and
Route	Route Description	Width	(millions)	Scores	Scores	Method	Method	Mitigated	Score	(acres)	(acres)	(acres)	Score	(acres)	Score	< 75 feet	< 150 feet	< 300 feet	< 500 feet	Score	(acres)	Score	(acres)	(acres)	(acres)	Score	Inventory (Acres)	Score	Sites (acres)	Score	Trails (acres)
ATXI-P-P	ATXI Primary Pana to Mt Zion and ATXI Primary Mt Zion to Kansas	500	222.8	63	2.01	2.2	2.3	1.5	3.0	5,595.9	5,501.3	94.6	3.0	2,965.0	1.8	0	13	27	48	1.0	133.0	1.0	1.2	0	1.2	1.0	40.2	1.0	0.0	1.0	0.0
ATXI-A-P	ATXI Alternative Pana to Mt Zion and ATXI Primary Mt Zion to Kansas	500	233.8	75	2.15	2.3	2.4	1.8	3.0	5,702.1	5,616.9	85.2	3.0	2,930.3	2.0	0	14	22	37	1.0	138.8	1.0	1.2	0	1.2	1.0	37.9	2.0	2.4	1.0	0.0
ATXI-P-A	ATXI Primary Pana to Mt Zion and ATXI Alternative Mt Zion to Kansas	500	225.8	86	2.29	2.1	2.6	2.2	2.0	5,379.1	5,290.4	88.7	3.0	2,942.4	2.5	0	18	41	64	1.0	161.7	3.0	4.5	4.5	0	1.0	46.6	1.0	0.0	1.0	0.0
ATXI-A-A	ATXI Alternative Pana to Mt Zion and ATXI Alternative Mt Zion to Kansas	500	236.8	100	2.47	2.6	2.6	2.2	3.0	5,485.3	5,406.0	79.3	3.0	2,907.7	2.5	0	19	36	53	1.0	167.5	3.0	4.5	4.5	0	1.0	44.3	2.0	2.4	1.0	0.0
MCPO-P-MZH	ATXI Primary Pana to Mt Zion and MCPO Mt Zion to Kansas	500	224.9	58	1.93	2.2	2.2	1.4	3.0	5,816.1	5,728.8	87.3	3.0	2,832.7	1.5	0	2	17	33	1.0	153.5	1.0	0	0	0	2.0	51.4	2.0	3.6	1.0	0.0
MCPO-A-MZI	ATXI Alternative Pana to Mt Zion and MCPO Mt Zion to Kansas	500	236.0	40	1.71	2.0	2.0	1.1	3.0	5,922.3	5,844.4	77.9	3.0	2,798.0	1.0	0	3	12	22	1.0	159.3	1.0	0	0	0	2.0	49.1	3.0	6.0	1.0	0.0
MCPO-P-PK	ATXI Primary Pana to Mt Zion and MCPO Pana to Kansas	500	241.9	62	1.99	2.2	2.2	1.5	3.0	5,974.6	5,758.2	216.4	3.0	2,870.4	1.3	0	4	15	37	3.0	329.3	1.0	0	0	0	3.0	66.1	1.0	0.1	1.0	0.0
MCPO-A-PK	ATXI Alternative Pana to Mt Zion and MCPO Pana to Kansas	500	252.9	54	1.89	2.1	2.2	1.4	3.0	6,080.8	5,873.8	207.0	3.0	2,835.7	1.0	0	5	10	26	3.0	335.1	1.0	0	0	0	3.0	63.8	2.0	2.5	1.0	0.0
MCPO-PK	MCPO Pana to Kansas	500	167.6	1	1.21	1.1	1.2	1.3	1.0	4,024.9	3,843.8	181.1	1.0	1,810.9	1.0	0	3	4	17	3.0	304.1	1.0	0	0	0	3.0	57.7	1.0	0.1	1.0	0.0
	Minimum		167.6							4024.9				1810.9		0.0	2.0	4.0	17.0		133.0		0.0				37.9		0.0		0.0
	Maximum		252.9							6080.8				2965.0		0.0	19.0	41.0	64.0		335.1		4.5				66.1		6.0		0.0
	Breakpoint between Relatively Superior to Relatively Average Performance		196.0							4710.2				2195.6		0.0	7.7	16.3	32.7		200.4		1.5				47.3		2.0		0.0
	Breakpoint between Relatively Average to Relatively Inferior Performance		224.5							5395.5				2580.3		0.0	13.3	28.7	48.3		267.7		3.0				56.7		4.0		0.0

coring key:

1.0 = In Relatively Superior Performance Bar

0 = In Relatively Average Performance Band

3.0 = In Relatively Inferior Performance Band